



## Bug 2345257 (CVE-2025-26595) - CVE-2025-26595 Xorg: xwayland: Buffer overflow in XkbVModMaskText()

**Keywords:**

**Reported:** 2025-02-12 14:23 UTC by OSIDB Bzimport

**Status:** NEW

**Modified:** 2025-10-13 12:12 UTC ([History](#))

**Alias:** CVE-2025-26595

**CC List:** 1 user ([show](#))

**Deadline:** 2025-02-25

**Fixed In Version:**

**Product:** Security Response

**Clone Of:**

**Component:** vulnerability

**Environment:**

**Last Closed:**

**Embargoed:**

**Version:** unspecified

**Hardware:** All

**OS:** Linux

**Priority:** high

**Severity:** high

**Target Milestone:** ---

**Assignee:** Product Security

**QA Contact:**

**Docs Contact:**

**URL:**

**Whiteboard:**

**Depends On:** [2349373](#) [2349374](#) [2349375](#)

**Blocks:**


**TreeView+** [depends on](#) / [blocked](#)

### Attachments [\(Terms of Use\)](#)

### Links

System	ID	Private	Priority	Status	Summary	Last Updated
Red Hat Product Errata	<a href="#">RHSA-2025:2500</a>	0	None	None	None	2025-03-10 12:37:03 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2502</a>	0	None	None	None	2025-03-10 12:46:10 UTC
Red Hat	<a href="#">RHSA-2025:2861</a>	0	None	None	None	2025-03-17

Product Errata						01:28:45 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2862</a>	0	None	None	None	2025-03-17 01:27:50 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2865</a>	0	None	None	None	2025-03-17 01:36:13 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2866</a>	0	None	None	None	2025-03-17 01:14:01 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2873</a>	0	None	None	None	2025-03-17 01:37:45 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2874</a>	0	None	None	None	2025-03-17 01:46:13 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2875</a>	0	None	None	None	2025-03-17 01:44:10 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2879</a>	0	None	None	None	2025-03-17 03:11:23 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2880</a>	0	None	None	None	2025-03-17 04:20:09 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:3976</a>	0	None	None	None	2025-04-17 06:35:58 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:7163</a>	0	None	None	None	2025-05-13 10:14:17 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:7165</a>	0	None	None	None	2025-05-13 10:15:28 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:7458</a>	0	None	None	None	2025-05-13 15:55:14 UTC

OSIDB Bzimport  2025-02-12 14:23:56 UTC[Description](#)

The code in XkbVModMaskText() allocates a fixed sized buffer on the stack and copies the names of the virtual modifiers to that buffer.

The code however fails to check the bounds of the buffer correctly and would copy the data regardless of the size, which may lead to a buffer overflow.

errata-xmlrpc 2025-03-10 12:37:02 UTC

[Comment 1](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9

Via RHSA-2025:2500 <https://access.redhat.com/errata/RHSA-2025:2500>

errata-xmlrpc 2025-03-10 12:46:09 UTC

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This issue has been addressed in the following products:

Red Hat Enterprise Linux 8

Via RHSA-2025:2502 <https://access.redhat.com/errata/RHSA-2025:2502>

errata-xmlrpc 2025-03-17 01:14:00 UTC

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This issue has been addressed in the following products:

Red Hat Enterprise Linux 8.2 Advanced Update Support

Via RHSA-2025:2866 <https://access.redhat.com/errata/RHSA-2025:2866>

errata-xmlrpc 2025-03-17 01:27:49 UTC

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This issue has been addressed in the following products:

Red Hat Enterprise Linux 8.8 Extended Update Support

Via RHSA-2025:2862 <https://access.redhat.com/errata/RHSA-2025:2862>

[2025:2862](#)

errata-xmlrpc 2025-03-17 01:28:45 UTC

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This issue has been addressed in the following products:

Red Hat Enterprise Linux 7 Extended Lifecycle Support

Via RHSA-2025:2861 <https://access.redhat.com/errata/RHSA-2025:2861>

errata-xmlrpc 2025-03-17 01:36:13 UTC

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This issue has been addressed in the following products:

Red Hat Enterprise Linux 8.4 Advanced Mission Critical Update Support

Red Hat Enterprise Linux 8.4 Telecommunications Update Service

Red Hat Enterprise Linux 8.4 Update Services for SAP Solutions

Via RHSA-2025:2865 <https://access.redhat.com/errata/RHSA-2025:2865>

errata-xmlrpc 2025-03-17 01:37:44 UTC

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This issue has been addressed in the following products:

Red Hat Enterprise Linux 9.0 Update Services for SAP Solutions

Via RHSA-2025:2873 <https://access.redhat.com/errata/RHSA-2025:2873>

errata-xmlrpc 2025-03-17 01:44:09 UTC

[Comment 8](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9.4 Extended Update Support

Via RHSA-2025:2875 <https://access.redhat.com/errata/RHSA-2025:2875>

errata-xmlrpc 2025-03-17 01:46:12 UTC

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This issue has been addressed in the following products:

Red Hat Enterprise Linux 9.2 Extended Update Support

Via RHSA-2025:2874 <https://access.redhat.com/errata/RHSA-2025:2874>

errata-xmlrpc 2025-03-17 03:11:22 UTC

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This issue has been addressed in the following products:

Red Hat Enterprise Linux 7 Extended Lifecycle Support

Via RHSA-2025:2879 <https://access.redhat.com/errata/RHSA-2025:2879>

errata-xmlrpc 2025-03-17 04:20:08 UTC

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This issue has been addressed in the following products:

Red Hat Enterprise Linux 8.6 Advanced Mission Critical Update Support

Red Hat Enterprise Linux 8.6 Update Services for SAP Solutions

Red Hat Enterprise Linux 8.6 Telecommunications Update Service

Via RHSA-2025:2880 <https://access.redhat.com/errata/RHSA-2025:2880>

errata-xmlrpc 2025-04-17 06:35:57 UTC

[Comment 14](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 6 Extended Lifecycle Support - EXTENSION

Via RHSA-2025:3976 <https://access.redhat.com/errata/RHSA-2025:3976>

errata-xmlrpc 2025-05-13 10:14:16 UTC

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This issue has been addressed in the following products:

Red Hat Enterprise Linux 9

Via RHSA-2025:7163 <https://access.redhat.com/errata/RHSA-2025:7163>

errata-xmlrpc 2025-05-13 10:15:27 UTC

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This issue has been addressed in the following products:

Red Hat Enterprise Linux 9

Via RHSA-2025:7165 <https://access.redhat.com/errata/RHSA-2025:7165>

errata-xmlrpc 2025-05-13 15:55:13 UTC

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This issue has been addressed in the following products:

Red Hat Enterprise Linux 10

Via RHSA-2025:7458 <https://access.redhat.com/errata/RHSA-2025:7458>

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